spread-spectrum signal as a plurality of received spread-spectrum channels, respectively; and

multiplexing the plurality of received spread-spectrum channels as received data.

17. The method as set forth in claim 16, with the step of processing the header further including the steps of:

detecting, at a processing frequency, the header in the packet-spread-spectrum signal;

outputting, responsive to detecting the header, a header-detection signal; and

generating, responsive to the header-detection signal, control and timing signals.

18. The method as set forth in claim 16 or 17, further including, after the step of multiplexing, the step of storing the received data.

19. The method as set forth in claim 16 or 17, further including, after the step of multiplexing, the step of decoding the received data.

20. The method as set forth in claim 16, further including, before the step of processing the header, translating the packet-spread-spectrum signal from a carrier frequency to a

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processing frequency.

21. The method as set forth in claim 20, further including, generating, responsive to the reference signal, control and timing signals.

22. A packet receiver comprising:

header-detection means for processing a header in a packet-spread-spectrum signal, to generate a reference signal;

receiver-spread-spectrum means, coupled to said header-detection means, responsive to the reference signal, for despreading a multichannel-spread-spectrum signal embedded in the packet-spread-spectrum signal as a plurality of received spread-spectrum channels, respectively; and

multiplexing means, coupled to said receiver-spread-spectrum means, for multiplexing the plurality of received spread-spectrum channels as received data and for outputting the received data to a data output.

23. The packet receiver as set forth in claim 22, with said header-detection means including means for detecting, at a processing frequency, the header in the packet-spread-spectrum signal and for outputting, responsive to detecting the header, a header-detection signal, and for generating, from the header-detection signal, control and timing signals.

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24. The packet receiver as set forth in claim 22 or 23, further including, after said multiplexing means, receiver-memory means for storing the received data.

25. The packet receiver as set forth in claim 22 or 23, further including, after said multiplexing means, decoding means for decoding the received data.

26. The packet receiver as set forth in claim 22, further including translating means for shifting the packet-spread-spectrum signal from the carrier frequency to a processing frequency.

27. A packet receiver comprising:

a header-detection device for processing the header in a packet-spread-spectrum signal to generate a reference signal;

receiver-spread-spectrum means, coupled to said header-detection device, for despreading a multichannel-spread-spectrum signal embedded in the packet-spread-spectrum signal as a plurality of received spread-spectrum channels, respectively; and

a multiplexer, coupled to said receiver-spread-spectrum means, for multiplexing the plurality of received spread-spectrum channels as received data.

28. The packet receiver as set forth in claim 27, with

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